



**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449A/PTQ

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Shee

2

5

*Complete if Known*

Application Number	10/714,100
Filing Date	November 13, 2003
First Named Inventor	Hiroaki Sekizawa
Art Unit	2141
Examiner Name	Not Yet Known
Attorney Docket Number	448563/0237

**Attorney Docket Number** 448563/0237

## **U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> , Number <sup>4</sup> , Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		
rc		JP-07-288871 -	10-31-1995	Sanyo Elec. Co.	Engl. abst. and trans.
JTC		JP-07-334445	12-22-1995	Hitachi Ltd.	Engl. abst. and trans.
HC		JP-08-115125 -	05-07-1996	Canon Inc.	Engl. abst. and trans.
YU		JP-08-241019 -	09-17-1996	Toshiba Corp.	Engl. abst. and trans.
rc		JP-08-286854 -	11-01-1996	Fuji Xerox Co. Ltd.	Engl. abst. and trans.

**Examiner  
Signature**

John

**Date  
Considered**

6/4/07

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SSL-DOCS1 1529278 v1

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449A/PTQ

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*Use as many sheets as necessary*

Shee

3

of

*Complete If Known*

Application Number	<b>10/714,100</b>
Filing Date	<b>November 13, 2003</b>
First Named Inventor	<b>Hiroaki Sekizawa</b>
Art Unit	<b>2141</b>
Examiner Name	<b>Not Yet Known</b>
Attorney Docket Number	<b>448563/0237</b>

Shee

3

of

## U. S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)	MM-DD-YYYY		
YC		JP-09-134297-	05-20-1997	Sumitomo Elec.	Engl. abst. and trans.
RC		JP-09-152815-	06-10-1997	Ricoh Co. Ltd.	Engl. abst. and trans.
RC		JP-09-188042 -	07-22-1997	Canon Inc.	Engl. abst. and trans.
RC		JP-09-251356 -	09-22-1997	Canon Inc.	Engl. abst and trans.
RC		JP-09-298543	11-18-1997	Sumitomo Elec.	Engl. abst. and trans.

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SSL-DOCS1 1529590 v1

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449A/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	<b>10/714,100</b>
		Filing Date	<b>November 13, 2003</b>
		First Named Inventor	<b>Hiroaki Sekizawa</b>
		Art Unit	<b>2141</b>
		Examiner Name	<b>Not Yet Known</b>
(Use as many sheets as necessary)			
Sheet	<b>4</b>	of	<b>5</b>
		Attorney Docket Number	
		<b>448563/0237</b>	

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> , Number <sup>4</sup> , Kind Code <sup>5</sup> (if known)			
TC		JP-11-353145	12-24-1999	Seiko Epson Corp.	Engl. abst. and trans. X

Examiner Signature		Date Considered	6/11/07
-----------------------	---	--------------------	---------

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<i>Application Number</i>	<b>10/714,100</b>
(Use as many sheets as necessary)		<i>Filing Date</i>	<b>November 13, 2003</b>
		<i>First Named Inventor</i>	<b>Hiroaki Sekizawa</b>
		<i>Art Unit</i>	<b>2141</b>
		<i>Examiner Name</i>	<b>Not Yet Known</b>
Sheet	<b>5</b>	of	<b>5</b>
		<i>Attorney Docket Number</i>	
		<b>448563/0237</b>	

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>JC</i>		Judgment (Trial Case for Requesting Cancellation of Decision that Patent should be Cancelled), dated June 23, 2004, in corresponding Japanese Patent Application, with English Translation	<input checked="" type="checkbox"/>
<i>JC</i>		Corrected Notification of Reasons for Refusal, dated August 22, 2002, in corresponding Japanese Patent Application, with English Translation	<input checked="" type="checkbox"/>

Examiner Signature	Jenn	Date Considered	6/11/07
--------------------	------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.**

**Applicant's Unique Citation Recognition Number (optional):**  **Applicant:**  **Checkmark here if English language Translation is attached.**  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FORM PTO 1449 (modified)			ATTY DOCKET NO.: 448563/0237		APPLICATION NO.: (cont. of 10/460,802)		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLICANT: Hiroaki Sekizawa				
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			FILING DATE: Concurrently Herewith			GROUP: Not Yet Assigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>gcl</i>		4,251,858	2/1981	Cambigue, et al.			
		5,077,582	12/1991	Kravette, et al.			
		5,084,875	1/1992	Weinberger, et al.			
		5,214,772	5/1993	Weinberger, et al.			
		5,220,674	6/1993	Morgan, et al.			
		5,305,199	4/1994	LoBiondo, et al.			
		5,333,286	7/1994	Weinberger, et al.			
<i>JCL</i>		5,580,177	12/1996	Gase, et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>JCL</i>		03-161765	07/11/1991	Japan			
<i>JCL</i>		04-256971	09/11/1992	Japan			
		05-191405	07/30/1993	Japan			<i>not provided</i>
<i>JCL</i>		05-236555	09/10/1993	Japan			
		06-284150	10/07/1994	Japan			<i>NP</i>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER	<i>mm</i>			DATE CONSIDERED	<i>6/11/07</i>		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)			ATTY DOCKET NO.: 448563/0237		APPLICATION NO.: (cont. of 10/460,802)		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLICANT: Hiroaki Sekizawa				
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			FILING DATE: Concurrently Herewith			GROUP: Not Yet Assigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>RC</i>		5,604,578	2/1997	Shibuya, et al.			
<i>RC</i>		5,651,006	7/1997	Fujino, et al.			
		5,727,135	3/1998	Webb, et al.			
		5,859,778	1/1999	Kuroda, et al.			
		5,982,994	11/1999	Mori, et al.			
<i>RC</i>		6,088,816	7/2000	Nouri, et al.			
<i>RC</i>							
<i>RC</i>							
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>RC</i>		06-348632	12/22/1994	Japan			
<i>RC</i>		07-044630	02/14/1995	Japan			<i>NP</i>
<i>RC</i>		07-288871	10/31/1995	Japan			
<i>RC</i>		08-115125	05/07/1996	Japan			
<i>RC</i>		08-241019	09/17/1996	Japan			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER <i>RC</i>			DATE CONSIDERED <i>6/11/07</i>				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO.: 448563/0237		APPLICATION NO.: (cont. of 10/460,802)		
			APPLICANT: Hiroaki Sekizawa				
			FILING DATE: Concurrently Herewith			GROUP: Not Yet Assigned	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
RL	08-286854	11/01/1996	Japan				
RL	09-134297	05/20/1997	Japan				
RL	09-152815	06/10/1997	Japan				
RL	09-188042	07/22/1997	Japan				
RL	09-251356	09/22/1997	Japan				
<b>OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER			DATE CONSIDERED		6/11/07		

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.